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(71) Applicant (*for all designated States except US*): INTEL CORPORATION [US/US]; 2200 Mission College Blvd, Santa Clara, CA 95052 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): SUN, Yuanhao [CN/CN]; N26 Apt 402, Lane 26, Gu Jing Rd., Shanghai 200336 (CN). JIAN, Rui [CN/CN]; N5 Apt 301, Lane 1664, Xie Tu Road, Shanghai 200032 (CN). SONG, Caidong; 181 Apt. 403, Tianshan Wu Cun, Maotai Road, Changning District, Shanghai 200000 (CN). DENG, Ying'an; 9#202, Lane 560, Yu Ping South Road, Shanghai 200000 (CN). WANG, Zhi; N430 Apt. 402, Dongyuan sicun, Shangahi 200000 (CN).

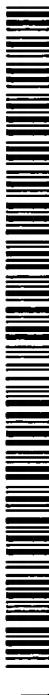
(74) Agent: CHINA PATENT AGENT (H.K.) LTD.; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (CN).

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(54) Title: SELF-ADAPTIVE MULTICAST FILE TRANSFER PROTOCOL

(57) Abstract: Self-adaptive multicast and reliable transfer of digital files from a server device to one or more client devices including an active client device, one or more passive client devices and one or more smart client devices.